

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	49	604/110 and barrel and plunger and spring and @ay<="2004" and bayonet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:18
L6	63	604/110 and plunger and spring and @ay<="2004" and bayonet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:18
L7	168	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation \$2 and disengag\$5	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:18
L8	69	syringe and plunger and compressed near spring and @ay<="2004" and rotation\$4 near6 disengag \$5 not L7	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:18
L9	103	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation \$2 and disengag\$5 and seal	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:19
L10	157	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation \$2 and disengag\$5 and second plunger	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:19
L11	11	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation \$2 and disengag\$5 and second near plunger	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:19
L12	0	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation \$2 and disengag\$5 and bayonet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:24
L13	13	604/110 and plunger and spring and @ay<="2004" not L5 not L6 and rotation \$2 and disengag\$5 and bay\$4	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2011/02/28 10:24

S1	61	((SHU-MING) near2 (CHANG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/24 11:56
S2	0	((SHU-MING) near2 (CHANG)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/09/24 11:57
S3	3668	604/110	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 12:24
S4	1335	604/110 and barrel and plunger	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:06
S5	426	604/110 and barrel and plunger and break	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:06
S6	570	604/110 and barrel and plunger and break\$4	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:06
S8	286	604/110 and barrel and plunger and break\$4 and rotat\$3 and needle	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:09
S9	142	604/110 and barrel and plunger near6 break\$4 and rotat\$3	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:10
S10	3	"7276049"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:46
S11	2	"7393340"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:46
S12	4	"7410478"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 13:46
S13	301	604/110 and barrel and plunger and break\$4 and rotat\$3	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/24 19:47
S14	0	("2010/0063443").URPN.	USPAT	OR	OFF	2010/09/28 17:52
S15	1313	604/110 and barrel and plunger and syringe	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 17:52

S16	717	604/110 and barrel and plunger and spring	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 17:53
S17	615	604/110 and barrel and plunger and spring and @ay<="2004"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 17:53
S18	49	604/110 and barrel and plunger and spring and @ay<="2004" and bayonet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 17:54
S19	63	604/110 and plunger and spring and @ay<="2004" and bayonet	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:11
S20	14	604/110 and plunger and spring and @ay<="2004" and bayonet not S18	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:11
S21	843	604/110 and plunger and spring and @ay<="2004" not S18 not I&	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:25
S22	829	604/110 and plunger and spring and @ay<="2004" not S18 not S19	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:25
S23	166	604/110 and plunger and spring and @ay<="2004" not S18 not S19 and rotation\$2 and disengag\$5	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:26
S24	10	"7500967"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:30
S25	34	"5429613"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 18:32
S26	0	plunger and compressed near spring and @ay<="2004" not S18 not S19 and disengag\$5 not L11	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 19:39
S27	1447	plunger and compressed near spring and @ay<="2004" not S18 not S19 and disengag\$5 not S23	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 19:39

S28	138	plunger and compressed near spring and @ay<="2004" and rotation\$4 near6 disengag \$5 not S23	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 19:40
S29	69	syringe and plunger and compressed near spring and @ay<="2004" and rotation\$4 near6 disengag \$5 not S23	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/09/28 19:40
S30	9	((JOSEPH) near2 (KAAL)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/28 19:42
S31	33	"5112316"	USPAT	OR	OFF	2010/09/28 19:47
S32	35	"5324265"	USPAT	OR	OFF	2010/09/28 19:56
S33	6	US-5180370-\$.DID. OR US-6090077-\$.DID. OR US-6221052-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/28 20:00
S34	12	US-5167641-\$.DID. OR US-5984898-\$.DID. OR US-6039713-\$.DID. OR US-6569115-\$.DID. OR US-6527742-\$.DID. OR US-2794650-\$.DID. OR WO-2001030427-\$.DID. OR EP-0347742-\$.DID. OR WO-1993025257-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/28 20:01

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	43	604/110 and plunger and spring and @ay<="2004" not "L5" not "L6" and rotation\$2 and disengag\$5 and bay \$4	USPAT; UPAD	AND	ON	2011/02/28 10:48
L15	50	604/110 and plunger and spring and rotation \$2 and disengag\$5 and bay\$4	USPAT; UPAD	AND	ON	2011/02/28 10:49

L16	14	604/110 and plunger and spring and rotation \$2 and disengag\$5 and second near plunger	USPAT; UPAD	AND	ON	2011/02/28 10:49
L17	12	604/110 and plunger and spring and rotation \$2 and disengag\$5 and second near plunger and seal	USPAT; UPAD	AND	ON	2011/02/28 10:49

2/ 28/ 2011 11:25:52 AM

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\ 10587705RetractPlunger.wsp**